City and County of Honolulu

Storm Water Quality Checklist

Date of Preparation

<table>
<thead>
<tr>
<th>PROJECT DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Project Name:</td>
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<tr>
<td>Master Plan Development Name:</td>
</tr>
<tr>
<td>Project Address:</td>
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<tr>
<td>Project Size (feet²):</td>
</tr>
<tr>
<td>Existing impervious surface area (feet²):</td>
</tr>
<tr>
<td>Impervious [Area] surface area added, replaced or created (feet²):</td>
</tr>
<tr>
<td>Tax Map Key (TMK):</td>
</tr>
</tbody>
</table>

{For official use only:}

Building Permit Application Number:

<table>
<thead>
<tr>
<th>MANAGEMENT PRACTICES TO MEET WATER QUALITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>i. LID Site Design. The following strategies will be incorporated to the maximum extent practicable.</td>
</tr>
<tr>
<td>☐ Conserve natural areas, soils, and vegetation</td>
</tr>
<tr>
<td>☐ Minimize soil compaction</td>
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<tr>
<td>☐ Minimize disturbances to natural drainages</td>
</tr>
<tr>
<td>☐ Minimize impervious surface</td>
</tr>
<tr>
<td>☐ Direct Runoff to Landscaped Areas and Reduce Directly Connected Impervious Area (DCIA)</td>
</tr>
<tr>
<td>☐ None (all infeasible): [Provide explanation for why Site Design Strategies are infeasible]</td>
</tr>
</tbody>
</table>

| ii. Source Control. Any site activity or feature that is checked below requires source control BMPs. Complete and attach the appropriate sheets from Attachment A. The following areas and activities take place at the site [and will include Source Control BMP(s)]: |
| ☐ Parking Areas |
| ☐ Storm Drain Inlets |
| ☐ Landscaped Areas |
| ☐ Automatic Irrigation Systems |
| ☐ Outdoor Trash Storage |
| ☐ Outdoor Material Storage |
| ☐ Storm Drain Inlets |
| ☐ Landscaped Areas |
| ☐ Vehicle/Equipment Fueling |
| ☐ Vehicle/Equipment Repair |
| ☐ Vehicle/Equipment Washing & Cleaning |
| ☐ Loading Docks |
| ☐ Outdoor Work Area |
| ☐ Outdoor Material Storage |
| ☐ Outdoor Work Area |
| ☐ Outdoor Process Equipment Operations |
| ☐ None |
iii. Required Attachments

[☐] Attachment A: Source Control BMP sheets for applicable site areas in Section ii. (A copy of the applicable corresponding Source Control Fact Sheets from the City and County of Honolulu Storm Water BMP Guide should be attached to the Owner’s copy of the SWQC.)

[☐] Attachment B: Site plan showing the above Site Design and Source Control BMPs

[☐] Operation and Maintenance Plan

CERTIFIED WATER POLLUTION PLAN PREPARER’S STATEMENT

This work was prepared by me or under my supervision. To the best of my knowledge, the information submitted is true, accurate and complete.

Print Name ___________________________ Signature ___________________________ Date ___________________________

Certification #_________________________
OWNER’S CERTIFICATION

The undersigned, while it owns the subject property, is responsible for the implementation of the provisions of this Storm Water Quality Checklist (SWQC), prepared by ___________________, the CWPPP designated under my authority, and will ensure that this checklist is amended as appropriate to reflect up-to-date conditions on the site.

This SWQC and associated fact sheets will be reviewed with the facility operator, facility supervisors, employees, maintenance and service contractors, or any other party having responsibility for implementing specific portions of this SWQC. A copy of the certified SWQC shall be available on the subject property indefinitely.

I will be responsible for the Source Control BMPs identified herein.

Once the undersigned transfers its interest in the property, its successors-in-interest shall bear the aforementioned responsibility to implement and amend the SWQC. The Department of Facility Maintenance will be notified of the change of ownership and the new owner will submit a new certification.

I am aware that there are significant penalties for discharging polluted runoff into the City MS4.

Signature: ________________________________________________
Print Name: ______________________________________________
Title: ___________________________________________________
Company: ________________________________________________
Address: _________________________________________________
Telephone No.: ____________________________________________
Date: ____________________________________________________
Attachment A.

For any Source Control BMP that was checked in Section ii, complete the appropriate page and include as a part of Attachment A. Do not include pages for Source Control BMPs that are not included in Section ii.

Parking Areas

The following BMPs have been incorporated into the design (check all that apply):

☐ Parking Areas that are paved with impermeable material are graded to direct runoff towards vegetated/landscaped areas or other Post-Construction Treatment Control BMPs.

☐ Other: [describe]

☐ None: [Provide explanation for why source control BMPs are not required and are not included for this site feature]
Landscaped Areas

The following BMPs have been incorporated into the design (check all that apply):

- [ ] Limit runoff from landscaped areas to impervious areas
- [ ] Protect slopes and channels
- [ ] Other: [describe]
- [ ] None: [Provide explanation for why source control BMPs are not required and are not included for this site feature]
Automatic Irrigation

The following BMPs have been incorporated into the design (check all that apply):

- [ ] Irrigation systems are designed to each landscape area’s specific water requirements and to minimize runoff of excess irrigation water.
- [ ] Other: [describe]
- [ ] None: [Provide explanation for why source control BMPs are not required and are not included for this site feature]
Storm Drain Inlets

The following BMPs have been incorporated into the design (check all that apply):

- [ ] All storm drain inlets and catch basins, constructed or modified, within the Project area are labeled with prohibitive language.
- [ ] Signage is not placed on the face of curbs
- [ ] Other: [describe]
- [ ] None: [Provide explanation for why source control BMPs are not required and are not included for this site feature]
Outdoor Trash Storage

The following BMPs have been incorporated into the design (check all that apply):

- [ ] Trash storage areas graded and paved to prevent run-on or are graded towards vegetated/landscaped areas.
- [ ] Trash bins are lined, have a low containment berm around the dumpster area, or have drip pans underneath dumpsters.
- [ ] Containers are covered with roofs, awnings, or attached lids.
- [ ] Trash storage areas are paved with an impervious material.
- [ ] Trash storage areas do not drain to storm drain inlets.
- [ ] Signs are posted on dumpsters indicating that prohibiting disposal of hazardous material.
- [ ] Other: [describe]
- [ ] None: [Provide explanation for why source control BMPs are not required and are not included for this site feature]
Vehicle and Equipment Fueling Areas

The following BMPs have been incorporated into the design (check all that apply):

- An overhanging roof structure or canopy is included over fuel dispensing areas. The cover’s minimum dimensions must be equal to or greater than the area within the grade break. The cover must not drain onto the fuel dispensing area and the downspouts must be routed to prevent drainage across the fueling area. If fueling large equipment or vehicles that prohibit the use of covers or roofs, the fueling island is designed to accommodate the larger vehicles and equipment and to prevent storm water run-on and runoff.
- Fuel dispensing areas are paved with Portland cement concrete (or equivalent smooth impervious surface). The paved area extends a minimum of 6.5 feet from the corner of each fuel dispenser, or the length at which the hose and nozzle assembly may be operated plus 1 foot, whichever is less. The use of asphalt concrete is prohibited.
- The dispensing areas are sloped to prevent ponding, and are separated from the rest of this site by a grade break that prevents run-on. Fueling areas drain toward a dead-end sump or vegetated/landscaped area. Runoff from downspouts/roofs directed away from fueling areas towards vegetated/landscaped areas.
- All drains within facility boundaries are labeled to indicate whether flow is to the storm drain, sewer, or oil/water separator.

Other: [describe]
None: [Provide explanation for why source control BMPs are not required and are not included for this site feature]
**Vehicle and Equipment Repair**

The following BMPs have been incorporated into the design *(check all that apply)*:

- [ ] Repair/ maintenance bays located indoors; or designed them to preclude run-on and runoff.
- [ ] Maintenance floor areas paved with Portland cement concrete (or equivalent smooth impervious surface).
- [ ] Impermeable berms, drop inlets, trench drain, catch basins, or overflow containment structures are provided and drains to a sump for collection and disposal.
- [ ] Drains within facility boundaries are labeled using paint or stencil, to indicate whether flow is to the storm drain, sewer, or oil/ water separator.
- [ ] Other: [describe]
- [ ] None: [Provide explanation for why source control BMPs are not required and are not included for this site feature]
Vehicle and Equipment Washing and Cleaning

The following BMPs have been incorporated into the design (check all that apply, at least one is required):

- Be self-contained and/or covered with a roof or overhang; or
- Be equipped with a clarifier or other pretreatment facility; or
- Sumps or drain lines are installed to collect wash water. Wash water is diverted to the sanitary sewer, an engineered Infiltration system, or an equally effective alternative; or
- Direct and divert surface water runoff away from the exposed area around the wash pad, and wash pad itself to alternatives other than the sanitary sewer; or
- Cover areas used for regular washing of vehicles, trucks, or equipment, surround them with a perimeter berm, and clearly mark them as a designated washing area; or
- Drains within facility boundaries are labeled using paint or stencil, to indicate whether flow is to the storm drain, sewer, or oil/water separator.
- Other: [describe]
- None: [Provide explanation for why source control BMPs are not required and are not included for this site feature]
Loading Docks

The following BMPs have been incorporated into the design (check all that apply):

- [ ] Loading dock areas are covered or designed to preclude run-on and runoff.
- [ ] Depressed loading docks (truck wells) are designed so that runoff does not discharge into storm drains.
- [ ] Below-grade loading docks from grocery stores and warehouse/distribution centers are drained of fresh food items through water quality inlets, engineered Infiltration system, or equally effective alternative.
- [ ] Loading/unloading areas are graded and/or bermed to a drain that is connected to a dead-end.
- [ ] Loading areas are paved with Portland cement concrete.
- [ ] Other: [describe]
- [ ] None: [Provide explanation for why source control BMPs are not required and are not included for this site feature]
Outdoor Material Storage (may be in the form of raw products, by-products, finished products, and waste products)

The following BMPs have been incorporated into the design (check all that apply):

- Materials with the potential to contaminate storm water must either be placed in an enclosure that prevents contact with runoff or spillage to the storm water conveyance system, or protected by secondary containment structures such as berms, dikes, or curbs.
- The storage area is paved with Portland cement concrete (or equivalent smooth impervious surface).
- Storage area is sloped towards a dead-end sump to contain spills.
- Runoff from downspouts/roofs are directed away from storage areas.
- Storage area is covered with an awning that extends beyond the storage area or materials are stored in a manufactured storage shed.
- Other: [describe]
- None: [Provide explanation for why source control BMPs are not required and are not included for this site feature]
Outdoor Work Areas (may include but are not limited to areas where grinding, painting, coating, sanding, and parts cleaning are performed)

The following BMPs have been incorporated into the design (check all that apply):

- [ ] Paved with an impermeable surface such as concrete or asphalt, or a prefabricated metal drip pan.
- [ ] The area is covered with a roof.
- [ ] The perimeter of the area is Bermed to preclude run-on.
- [ ] Runoff is connected directly to the sanitary sewer or other specialized containment system(s).
- [ ] Other: [describe]
- [ ] None: [Provide explanation for why source control BMPs are not required and are not included for this site feature]
Outdoor Process Equipment Operations (may include but are not limited to rock grinding or crushing, painting or coating, grinding or sanding, and degreasing or parts cleaning)

The following BMPs have been incorporated into the design (check all that apply):

- Pollutant generating areas are covered or enclosed, sloped toward a dead-end sump, or discharge to the sanitary sewer system following appropriate treatment in accordance with conditions established by the City Department of Environmental Services.
- Area is graded or bermed to prevent run-on.
- Equipment repair areas do not drain to the storm drainage system.
- Secondary containment structures (not double wall containers) are provided where wet material processing occurs (e.g., electroplating), to hold spills resulting from accidents, leaking tanks, or equipment, or any other unplanned releases. (Note: if these are plumbed to the sanitary sewer, they must be with the prior approval of the City.)
- Other: [describe]
- None: [Provide explanation for why source control BMPs are not required and are not included for this site feature]